

Selected ROL Sequences

CLASS I

Clone	#	Flanking sequence	Random sequence	Flanking sequence	Affinity
	15	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAAGCTG	++++
	18	TGAGATCTGGAACCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAAGCTG	+++
	32	TGAGATCTGGATTCCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAAGCTG	+++
	36	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAAGCTG	+++
	82	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAAGCTG	+++
	89	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAAGCTG	+++
	22	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAAGCTG	+++
	33	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGCAAAATTACC	GTCCTACGAATTCAAGCTG	+++
	71	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGTAAGAATTACC	GTCCTACGAATTCAAGCTG	+++
	73	TGAGATCTGGATCCGTTTC	GGGAAAGGGAAAGGTGAAAGGAGAAATTACC	GTCCTACGAATTCAAGCTG	+++

CLASS II

21	TGAGATCTGGATCCGTTTC	GACAAAAACGGTAAAAAAAAAGGGTAGGATTACC	GTCCTACGAATTCAAGCTG	++++
14	TGAGATCTGGATCCGTTTC	GACAAAAACGGTAAAAAAAAACCGGTAGGATTACC	GTCCTACGAATTCAAGCTG	+++
19	TGAGATCTGGATCCGTTTC	GACAAAAACGGTAAAACACTAAAGGTAACTGAC	GTCCTACGAATTCAAGCTG	++
29	TGAGATCTGGATCCGTTTC	ATGGTACAC <u>CGGTAAA</u> ATCGGGAGTCT	GTCCTACGAATTCAAGCTG	++
5	TGAGATCTGGATCCGTTTC	GACCGAGTAAAAGTAAGAAAGGCCGTTTC	GTCCTACGAATTCAAGCTG	++
60	TGAGATCTGGATCCGTTTC	AT <u>CGGTAAA</u> TAAGTCCATCGGAACGTGT	GTCCTACGAATTCAAGCTG	+
2	TGAGATCTGGATCCGTTTC	<u>GGTAAA</u> ATGAGCAGGGGATCGAAAT	GTCCTACGAATTCAAGCTG	+
39	TGAGATCTGGATCCGTTTC	AAACAGTGAATGGCCACCGTAGAAACTA	GTCCTACGAATTCAAGCTG	+
61	TGAGATCTGGATCCGTTTC	AGAATAGAAAAGAGG <u>ACGGTAAA</u> ACTA	GTCCTACGAATTCAAGCTG	+

FIGURE 1

Transient Assays with 3-day Maize Roots
(an average of three experiments)

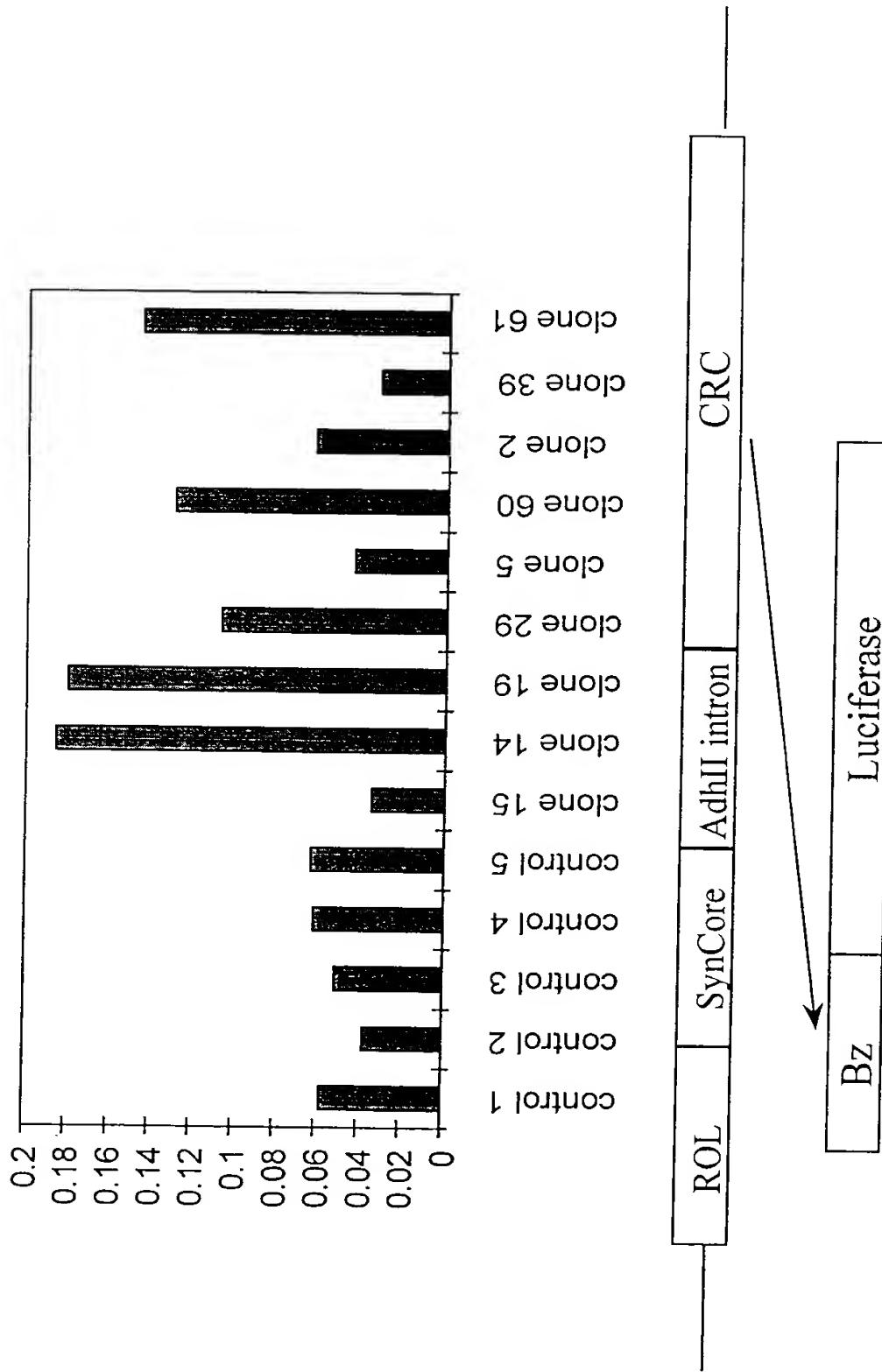


FIGURE 2

Transient Assays with 3-day Maize Shoots
(data from three experiments)

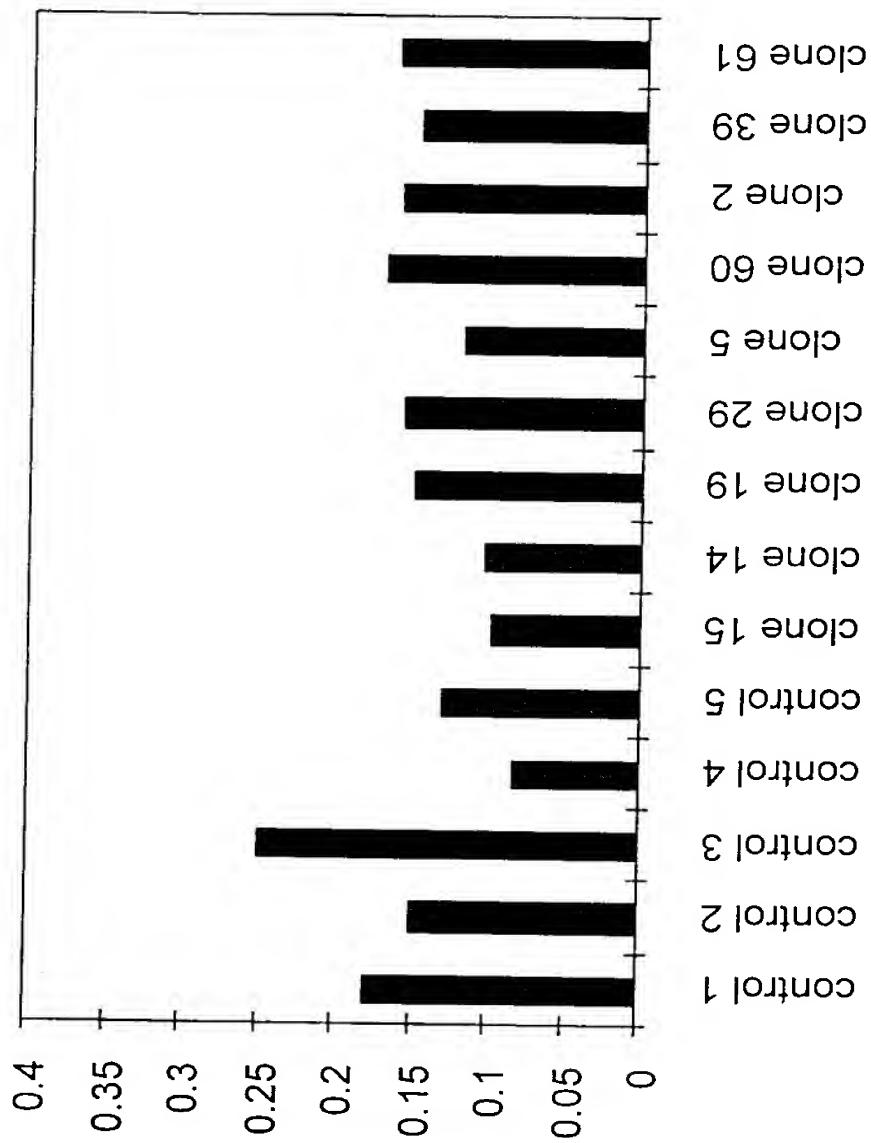


FIGURE 3